I



RUNCORN RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

For the year ending 31st December, 1966

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RUNCORN RURAL DISTRICT COUNCIL

ANNUAL REPORT

1966

By J. L. PATTERSON, M.B., Ch.B., D.P.H.
Medical Officer of Health, Runcorn Urban and Rural Districts

OFFICIALS OF THE PUBLIC HEALTH DEPARTMENT

Medical Officer of Health, Runcorn Urban and Runcorn Rural Districts
Divisional Medical Officer of Health
Divisional School Medical Officer (Runcorn Division)
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National Certificate in Building
Certified Public Health Inspector (R.S.I. and S.I.E.J.B.)
Certified Inspector of Meat and Other Foods (R.S.I.)
Certified Smoke Inspector (R.S.H.)

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Trainee Public Health Inspector:

A. C. BARKER,
Intermediate examination of Public Health Inspector's Diploma (P.H.I.E.B.)

Clerical Duties: Miss J. M. LEWIS

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RURAL DISTRICT OF RUNCORN, 1966

Chairman of the Council:

Councillor P. MOUNFIELD J.P.

Vice-Chairman:

Councillor A. L. BARTHOLOMEW

Health Committee:

Councillor P. MOUNFIELD, J.P., Chairman
Councillor J. HOLT, Vice-Chairman

Councillors:

Councillor Mrs. J. A. Glover
,, A. Lowe
,, J. Sephton
,, W. H. Stubbs
,, J. Billington
,, G. J. Ford
,, H. Helsby
,, C. Holden
,, J. Holt
,, R. Hunnam
,, J. Hunt
,, J. W. Kirkham

Ex-Officio: Chairman and Vice-Chairman of the District Council.

Officers:

Solicitor/Clerk of the Council:
Mr. R. PATRICK WILLIAMS

Engineer and Surveyor:
Mr. B. PRESTON, B.Sc., A.M.I.C.E., M.I.Mun.E.

Treasurer:
Mr. A. P. WARBURTON

INTRODUCTION

Mr. Chairman, Ladies & Gentlemen,

Rural District Council of Runcorn.

I have the honour to submit the 1966 Annual Report of the Medical Officer of Health.

The Infant Mortality Rate is ~~10.6%~~ 17.6. This is a very good figure and whilst too much cannot be read into one set of figures, the fact is that over the past ten years, the Infant Mortality has fallen from 45 . . . to the present figure. Any further reduction will depend on research break-throughs into the causes of congenital abnormalities, improvement in the environment, and health education for Child Care.

The present high rates of immunisation against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis should, if maintained, control these diseases satisfactorily.

Brucellosis and Infectious Hepatitis are infectious diseases which are not notifiable. Although they occur sporadically, notification would help to study their prevalence, mode of spread and possible prevention.

The number of deaths from chronic bronchitis and lung cancer continues to be high, and are due in part to the slow progress towards controlling atmospheric pollution. Air pollution and noise are two of the main areas of unhealthy environmental conditions in which progress towards control is far too slow.

My sincere thanks are due to all the members of the Public Health Department staff who have worked well throughout the year. As always the other Departments of the Rural Council's staff have been helpful.

Yours obediently,

J. L. PATTERSON,

Medical Officer of Health.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

(a)	Area (in acres)	45,552
(b)	Estimated population—Mid-year	43,170
(c)	Number of inhabited houses (end of 1966 according to the Rate Book)	15,287
(d)	Rateable Value of the District, 31.12.66	£1,570,466
(e)	Sum represented by one penny rate 3.3.66 Net	£6534
(f)	Average number of persons per inhabited houses (estimated population)	2.82
(g)	Density of population. Number of persons per acre (estimated population)	0.95

VITAL STATISTICS

Area Comparability Factors:

Births	1.0
Deaths	1.0

		Total	M	F
Live Births	Legitimate	705	366	339
	Illegitimate	34	20	14
	Totals	739	386	353

Live Birth Rate per 1,000 of the estimated resident population	17.12
Illegitimate Live Births per cent of total Live Births	4.60

		Total	M	F
Still Births	Legitimate	9	4	5
	Illegitimate	—	—	—
	Totals	9	4	5

Still Birth Rate per 1,000 Live and Still Births	12.03
Total number of Live and Still Births	748

Infantile Mortality

(Deaths under 1 year of Age)

	Total	M	F
Legitimate	11	4	7
Illegitimate	2	1	1
Totals	13	5	8

Infantile Mortality Rate per 1,000 total Live Births	17.59
Legitimate Infant Deaths per 1,000 Legitimate Live Births	15.61
Illegitimate Infant Deaths per 1,000 Illegitimate Live Births	58.82
Neo-Natal Mortality Rate (Deaths of Infants under 4 weeks of age (12) per 1,000 total Live Births)....	16.24
Perinatal Mortality Rate (Stillbirths (9) and Deaths of Infants under one year of age (13) combined) per 1,000 total Live and Stillbirths	29.41

Maternal Mortality (including Abortion)

Number of Deaths	1
Maternal Mortality Rate per 1,000 total Live and Stillbirths	1.34

Summary of deaths of Infants under One Year of Age

1 (a) (b)	Heart Failure Cyanotic Congenital Heart Lesion and renal lesion	Female 4 months
1 (a) (b)	Hyaline Membrane Disease Prematurity	Female 5 days
1 (a)	Haemorrhagic Disease of new born	Male 1 day
1 (a) (b)	Atelectasis Prematurity	Male 7 hours

SECTION B

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

Public Health Officers

The names and qualifications, districts, addresses and telephone numbers are given at the beginning of the Report.

Laboratories

Facilities are given by:

The Public Health Laboratory, City Hospital, Chester
The Public Health Laboratory, Mount Pleasant, Liverpool
The Public Health Laboratory,Monsall Hospital,Newton Heath, Manchester
The Public Health Laboratories, at Warrington and Chester Royal Infirmaries.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR

To the Chairman and Members of the
Rural District Council of Runcorn

Mr. Chairman, Ladies and Gentlemen,

I again thank the Medical Officer of Health for the opportunity of commenting on the environmental health services of the Public Health Department, Sections C. D. and E.

The survey of unfit houses to be dealt with in the third five year scheme 1966-1970 was completed and approved by the Council. In all, there were some 222 houses of which 61 in Volunteer Street area in Frodsham, are to be included in a Compulsory Purchase Order.

Only slow progress was made with Improvement Areas. In any block of terraced houses one usually finds that a third are owner/occupied, a third have aged tenants, who have no desire for the amenities, on account of increased rent and disturbance, the remaining third agree to have the improvements carried out. It may be that individual applications are the most expeditious way of dealing with the problem.

Further thought has been given by the Council concerning the commencement of Smoke Control Areas in the Stockton Heath area of the District,; it has been agreed in principle for consideration in the next years estimates. A small area was confirmed in a new housing estate adjoining Runcorn Urban District.

A volumetric atmospheric monitoring apparatus was set up at Castle Park, Frodsham, and there is already one at the District Office, run by the Central Electricity Generating Board. Following discussions with the Runcorn New Town Development Corporation, and Warren Spring Laboratories, it was decided to establish three additional such stations in the area of this district, which is included in the Runcorn New Town Area; the Cheshire County Council agreed to pay for the initial cost of the equipment.

Progress has been made in the initial inspections under the Offices, Shops and Railway Premises Act, 1963. This work has been found to be much more detailed and time consuming than originally anticipated.

On the subject of litter, I can only repeat my observations of last year, and regretfully admit a losing battle; there is more rubbish dumped about the countryside in lanes and open ground than ever. 'No Tipping' Notices are erected where appropriate, within the limits of labour available, the most obtrusive dumps are cleaned up by the Council. If this is to be overcome, all local authorities must remove and dispose of whatever waste material is offered, including derelict cars, a special collection to premises is required to deal with bulky articles.

D. BOOTHMAN,

Chief Public Health Inspector.

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA

Water

Comment by the Water Engineer and Manager of Warrington Corporation, the Water undertaking for the whole of the district except Halton, which is served by the Runcorn Water Board, is as follows:—

(i) The water supply to the area has been satisfactory in quality. The quantity has also been satisfactory except for isolated instances in the higher area of Frodsham.
These have now been corrected.

(ii) During the year 1966 the following analyses have been made:—

(a) from sources of supply
10 Bacterial 11 Chemical

(b) from random samples throughout the area
190 Bacterial 1 Chemical

(iii) No bacterial contamination has occurred and there has been no contamination by lead or other poisonous metals.

(iv) All supplies are sterilised with chlorine and the Lymm source now supplying Grappenhall and parts of Stockton Heath is softened.

Analyses are carried out by Messrs. Ruddock and Sherratt, 30, Watergate Street, Chester.

Private water supplies are bacteriologically examined twice per year. Where as a result of such sampling the supplies have been established as unsatisfactory, notices advising that the water be boiled or chlorinated before drinking, dietetic and dairy purposes, are sent and repeated quarterly to the owners and occupiers.

Chemical Analysis	*Helsby Pumping Station*	*Frodsham Pumping Station*	*Grappenhall and Stockton Heath Lymm Supply*	*Stockton Heath Cheshire Supply*	*Foxhill*	*Newton Hollow*	*Runcorn and District Water Board to Halton*
Date	24.2.66	24.2.66	8.6.66	20.12.66	14.2.66	24.2.66	15.3.66
Appearance	Clear and Colourless	Clear and Colourless	Clear and Colourless	Clear and Colourless	Clear and Colourless	Clear and Colourless	Clear Slightly Yellow
Odour	Nil	Chlorine	Nil	Nil	Nil	Nil	Nil
Re-action	7.0	6.9	7.6	7.2	6.8	7.1	6.8
	Parts per million						
Total Solids	280	290	464	150	231	140	37
Nitrogen as free and saline ammonia	Nil	.03	Nil	Nil	Nil	Nil	Nil
Nitrogen as albuminoid ammonia	Nil	Nil	Nil	Nil	Nil	Nil	0.04
Nitrogen as Nitrites	Nil	Nil	Negligible	Nil	Nil	Nil	Nil
Nitrogen as Nitrates	Less than .25	5.4	5.0	3.0	Less than .25	0.4	Nil
Chlorides as Cl	45	41.5	100	37	77	18	10.5
Oxygen absorbed from permanganate in 4 hours at 27°C	0.4	.5	0.25	0.3	.15	0.3	1.95
Total Hardness	224	224	169	108	134	135	16
Temporary Hardness	189	90	169	82	90	102	11
Permanent Hardness	35	134	—	26	44	33	5
Alkalinity	189	90	178	82	90	102	11
Potassium as K	3	11.0	3.1	Nil	2.2	1.7	0.4
Free Chlorine	Nil	.25	Trace	Nil	Nil	Nil	Nil
Poisonous Metals	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Manganese as Mn	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Bacteriological Exam'at'ns:	9.11.66	2.11.66	2.11.66	9.11.66	2.11.66	2.11.66	20.8.66
Number of organisms per ml. capable of growth on nutrient agar at 37°C in 48 hours	0	1	0	0	0	0	3
Number of organisms per ml. capable of growth on nutrient agar at 20/22°C in 3 days	0	1	0	0	0	0	13
Probable number of coliform organisms per 100 mls.	0	0	0	0	0	0	C
Probable number of faecal coli per 100 mls.	0	0	0	0	0	0	0
Clostridium Welchii 50 mls.	Negative	Negative	Negative	Negative	Negative	Negative	Positive in 3 days

Parish	(a) Private Water Mains				(b) Private Supplies					
	Direct to Houses		Standpipes		Private Mains		Wells and Springs			
							Good Quality		Suspicious or unsatisfactory Quality	
	Houses	Population	Houses	Population	Houses	Population	Houses	Population	Houses	Population
Alvanley	115	371	—	—	—	—	—	—	3	6
Antrobus	243	743	1	4	—	—	—	—	3	6
Appleton	1866	5136	—	—	—	—	—	—	—	—
Aston	49	103	—	—	23	80	—	—	—	—
Budworth Great	129	401	—	—	—	—	—	—	—	—
Daresbury	97	312	—	—	—	—	—	—	—	—
Dutton	99	456	—	—	—	—	1	2	—	—
Frodsham	2636	6838	—	—	—	—	—	—	—	—
Grappenhall	2780	8202	—	—	—	—	—	—	—	—
Halton	595	1706	—	—	—	—	—	—	—	—
Hatton	107	322	—	—	—	—	—	—	—	—
Helsby	1471	3892	—	—	—	—	—	—	—	—
Kingsley	438	1381	—	—	—	—	—	—	2	6
Manley	166	684	—	—	—	—	1	3	—	—
Moore	276	735	—	—	—	—	—	—	—	—
Norley	333	886	—	—	—	—	1	5	—	—
Norton	16	52	—	—	25	79	—	—	—	—
Preston Brook	149	433	—	—	1	4	—	—	1	2
Stockton Heath	2490	6867	—	—	—	—	—	—	—	—
Stretton	156	595	—	—	—	—	—	—	2	6
Sutton	282	769	—	—	—	—	—	—	—	—
Walton	537	1541	—	—	—	—	—	—	—	—
Whitley	187	552	2	5	—	—	—	—	—	—
Totals	15221	42966	3	9	49	159	3	10	11	26

Drainage and Sewerage

Kingsley—A few sewer connections have yet to be made.
Other matters requiring attention in the future are:—

1. Norley—Sewers and sewage disposal works. Scheme prepared and draft submitted, to the Ministry.
2. Helsby—New intercepting sewer and sewage disposal work extensions or major scheme. Extension of sewer to Proffitts Lane.
3. Great Budworth—Sewers and Sewage disposal works.
4. Stretton—Sewage disposal improvements.
5. Acton Grange—Works enlargements.
6. Moore—Sewage disposal improvements, possible pumping to Acton Grange, or incorporation in Runcorn New Town Disposal Works.
7. Grappenhall—Stockport Road sewers.
8. Antrobus—Sewers and sewage disposal works for small area likely to be developed in Post Office area. Draft submitted to the Ministry.
9. Hatton—Sewage disposal improvements.
10. Daresbury—Sewage disposal improvements.

The Department undertakes the clearing of combined drainage systems which may be technically sewers, where these are not the main sewers dealt with by the Engineer and Surveyor, and where there is reasonable access to the pipes.

Simple drain stoppages are also cleared on request on a cost basis. The service has proved most useful in dealing expeditiously with these problems.

Rivers and Streams

Pollution of ditches and streams remains a problem owing to the erection of new houses, improved sanitary appliances to existing houses and improved milk and dairy technique in parishes without sewers. Private owners are advised on the best type of septic tanks and filters for their property. Where such properties are in groups the only final satisfactory solution is the provision of a sewer and sewage disposal works. Liquor from cowsheds and silage pits presents a particularly difficult problem where it is not collected and returned to the land as manure. With the continued improvement of farm premises usually involving more intensive animal husbandry, farmers are faced with the fact that the foul drainage must be dealt with in such a manner as to avoid nuisance and pollution of ditches and watercourses.

Consideration is given to receiving farm drainage into sewers as a trade effluent, in built up areas.

The two cesspool emptying vehicles are used for desludging septic and settling tanks on Council and private property, and for the collection of nightsoil. The Council give a free service for emptying wholly domestic septic tanks once per year on application, the applicant to have the access covers of the tanks loosened and opened up in readiness. Difficulty is experienced in keeping pace with the demand. The charge for industrial and farm liquor tanks remains at 30/- per hour. All owners of properties having septic tanks have been invited to make use of this service.

Where plans are submitted to the Engineer and Surveyor involving drainage systems not connected to a public sewer, the observations of this department have been sought on the efficiency of the proposed drainage disposal.

The pollution of the Manchester Ship Canal causes objectionable odours after a prolonged period of warm weather. Following extensions to Davyhulme Sewage Works there was a marked improvement.

The River Authority are pressing for improvements in the treatment of trade and sewage effluents which will be a long and expensive matter. Some improvement has been made.

Closet Conversions

23 conversions to the water carriage system were carried out; 15 of these were included in Improvement Grants.

Where this has been done voluntarily by owners, and is not part of an Improvement Grant the Council has, when requested, paid a grant of up to £15 provided that where a public sewer is not available the owners will, at their own expense, consent to a public sewer when it becomes available.

Public Cleansing

This service is carried out by the Engineer and Surveyor under direct labour. Disposal is by tipping and levelling with earthing over at intervals at two main tips.

Owing to the increasing difficulty in finding suitable land for tipping, and the dispersal of loose paper over the countryside near the tips by the wind, consideration must be given to alternative methods of disposal.

A mechanical shovel and bulldozer are used to level the tips.

Limiting the area of tip face and sealing with covering material as advised for controlled tipping is not practised, consequently nuisance can arise from insects, rats and dispersal of paper.

The cesspool emptying vehicles are adapted for the collection of the contents of pail closets and this enables the collection and disposal of nightsoil by discharging into sewers to be carried out with the minimum of nuisance.

A more frequent removal of trade refuse, particularly from food premises would improve the general hygiene.

To reduce the increasing amount of rubbish dumped throughout the countryside, better consideration might be given to collecting rubbish other than that placed in the household bin. Cleaning up waste areas of land which are untidy by reason of dumped rubbish is now carried out within the limits of available labour.

Private Tips

Supervision of these continued, problems have been as at other tips, the dispersal of loose paper by wind, occasional fires, and the tendency of the operators to deposit unauthorised and offensive material.

Noise Abatement Act, 1960

In general, noise from existing establishments is accepted, apart from those in new houses built close to the noise source. Alterations in character and timing of the noises also bring complaints. Several have been found to have high level when measured. Launderettes when contiguous to dwelling houses have been a problem. Managements have been co-operative.

Summary of Visits and Inspections

Nature of Inspections	No. of Inspections
Dwelling Houses (Housing Acts)	473
Dwelling Houses (Public Health Acts)	253
Dwelling Houses (Rent Act)	20
Dwelling Houses (Improvement Grants)	220
Dwelling Houses (Housing Applications)	169
Schools	8
Moveable Dwellings	178
Water Supplies (Samples)	16
Water Supplies (Other Inspections)	23
Closet Conversions	18
Cesspools and Septic Tanks	110
Sewer Connections	78
Sewers and Drains	366
Colour Tests	31
Ditches and Watercourses	76
Refuse Collection and Disposal	328
Foul Accumulations of Refuse	21
Tipping on Waste Land	115
Vermin (Rats and Mice etc.)	57
Vermin (Insects)	22
Keeping of Animals	4
Animal Boarding Establishment Act, 1963	6
Dairies and Milk Retailers	22
Offices, Shops and Railway Premises Act, 1963	127
Bakehouses	9
Shops and Food Stores	129
Food Inspection	47
Slaughterhouses—Meat Inspection	396
Mortuary	12
Petrol Stores	20
Divisional Health Matters	13
Interviews with Builders, Owners etc.	191
Ice Cream (Samples)	3
Ice Cream (Inspection of Premises)	17
Clean Air Act	71
Noise Abatement Act	50
Agriculture (Safety, Health and Welfare Provisions) Act	3
Infectious Diseases	52
Miscellaneous	98
Factories Act, 1961	25
Total	3,877

Offices, Shops and Railway Premises Act, 1963

Some 127 initial inspections were carried out. In general the work has been found to be much more detailed, and time consuming, than originally anticipated. Plans of new premises and alterations are scrutinised as regards compliance with the Act, where appropriate.

Clean Air Act, 1956

The Council are member of the Clean Air Society. The setting-up of Smoke Control Areas to cover the whole of the built-up area centred on Stockton Heath in phased schemes, extending over about 10 years, was agreed in principle, and subject to indecision in the 1967 Estimates, will commence in that year.

A small area was declared and approved for a new housing estate adjoining Runcorn Urban District.

An atmospheric monitoring apparatus was set-up at Castle Park, Frodsham, there already being one at the District Office, Stockton Heath, operated by the Central Electricity Generating Board.

Rats and Mice Destruction

The Chief Public Health Inspector acts as Rodent Officer. Two full time Rodent Operatives are employed.

A limited number of farm contracts have been secured, and particular effort is made to obtain those where a farm is in a built up area so that block treatment can be carried out with the adjacent properties where necessary.

Farmers are supplied with Warfarin on charge when requested, and advice is always available. Inspections are carried out under the Prevention of Damage by Pests Act, 1949.

Treatment was offered to industrial premises at a charge of cost of labour and materials. Some of these, schools, receive treatment as required on this basis; 60 preferred to enter into contracts amounting to £590. Dwelling houses receive free treatment unless the infestation is due to lack of hygiene or the unsatisfactory keeping of animals or poultry, in which case a charge is made. Warfarin with an oatmeal and wheatmeal base was used with satisfactory results.

The Council have 17 tips, sewage outfalls and properties which receive treatment as required.

Fluoracetamide poisoning 4 times per year involving one lifting of the manhole covers, each poisoning has been adopted with very good results. The total number of visits made, including re-inspections was 3,045.

Swimming Baths

There are no Public Swimming Baths in the district.

Caravan Sites

One large site at Frodsham does not yet comply with site licence conditions due to sewerage difficulties. The laying of a sewer through the site has been completed, and individual W.C. units are being constructed. The Alvanley site has had one amenity block completed. One site at Appleton is being run down, the land being required for Housing Development; another site at Grappenhall has been refused renewal of Planning Permission, owing to an unsatisfactory access. Other sites are well maintained, however, residential use of caravans by people with young families presents problems to the occupiers made evident by the number of Council House applications from such people.

The others are progressing very slowly owing to difficulties in design and positioning of sewage disposal works.

The number of caravan licences is 55 (including 30 single caravans) for a total of 343 residential and 153 recreational caravans.

Number of unauthorised or lapsed sites—9 comprising 23 residential caravans.

The number of fixed type dwellings licensed under the Public Health Act, 1936, Section 269 is 4.

The estimated number of persons occupying these caravans in summer is:—recreational 450; residential 760.

Insect Pests

Infestations dealt with were ants, wasps' nests, cockroaches and house flies. Cluster flies in certain premises are troublesome, there were also many wasps' nests.

Schools

Inspections of unsound food were made when requested.

Routine preventative insecticide spraying was carried out at the canteens and kitchens three times: Easter, Whitsuntide and Midsummer, for the Education Authority.

Mortuaries

A mortuary at Stockton Heath is maintained. It is in good condition and suitably equipped.

FACTORIES ACTS, 1937 & 1961

Home Office Form

Inspection for purposes of provisions as to health, including inspections made by Public Health Inspectors.

Premises (1)	*Number on Register* (2)	*Number of*		
		Inspections (3)	*Written Notices* (4)	*Occupiers Prosecuted* (5)
1. Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities....	26	6	—	—
2. Factories not included in (1) in which Section 7 is enforced by the Local Authority	84	15	5	—
3. Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	31	4	—	—
Totals	141	25	5	—

Particulars (1)	*Number of cases in which defects were found*				*Number of cases in which prosecutions were instituted* (6)
	Found (2)	*Remedied* (3)	*Referred*		
			To H.M. Inspector (4)	*By H.M. Inspector* (5)	
Want of Cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(*a*) Insufficient	—	—	—	—	—
(*b*) Unsuitable or defective	5	2	—	5	—
(*c*) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to out-work)	—	—	—	—	—
Totals	5	2	—	5	—

SECTION D—HOUSING

New Houses brought into the Rate Record in 1966 348

Number of New Houses erected by the Local Authority and brought into the Rate Record 6

Number of New Houses erected by other bodies and persons brought into the Rate Record 348

	New houses brought into the Rate Record Total per Parish		No. of inhabited houses in Rural District 31st Dec. 1966
	Private	Local Auth.	
Alvanley	—	—	118
Antrobus	—	—	249
Appleton	77	—	1,866
Aston	—	—	72
Budworth Great	—	—	129
Daresbury	—	—	97
Dutton	—	—	100
Frodsham	29	—	2,636
Grappenhall....	9	—	2,780
Halton	34	—	595
Hatton	1	—	107
Helsby	128	—	1,471
Kingsley	7	—	440
Manley	2	—	167
Moore	41	—	276
Norley	4	6	334
Norton	—	—	43
Preston Brook	—	—	151
Stockton Heath	—	—	2,490
Stretton	—	—	158
Sutton	12	—	282
Walton	10	—	537
Whitley	—	—	189
Totals	348	6	15,287

CLEARANCE AREAS AND INDIVIDUAL UNFIT HOUSES

Year Ending 31st December, 1966

Part A—Clearance Areas

(Housing Act, 1957/61)

	Houses	No. of displaced persons	Families
Demolished	4	16	4

Part B—Houses not included in Clearance Areas—Demolition and Closing Orders. (Housing Act, 1957/61)

(a) Houses demolished as a result of formal or informal procedure under Section 17 and still in force	3	6	3
(b) Houses closed in pursuance of an undertaking given by the owners under Section 17 and still in force	1	4	1
(c) Parts of buildings closed (Section 18)	0	0	0
Totals	8	26	8

Part C—Defective or Unfit

(1) Number of houses rendered fit during the period as a result of informal action under the Public Health or Housing Acts (This includes Improvement Grants, where substantial repair was required as a condition of grant) 20

(2) Public Health Act

Number of houses in which defects remedied

(a) by owners 4

(b) by local authority in default 0

(3) Housing Act, 1957/61

Houses made fit after service of formal notices, Section 9, 16 & 24

(a) by owners 6

(b) by local authority 0

Note: A defective house remedied more than once during the period is included once only.

ANALYSIS OF UNFIT HOUSES
From 1st September, 1954 to 31st December, 1966

Parish	*Total First and Second 5 Year Scheme No. of Houses*	*Demolished*	*Vacant*		*Demolition Order or Clearance Order or Agreement not to re-let but still occupied*	*Reconditioned or Improvements Commenced*
			Closing Order or Agreement not to re-let	*Clearance or Demolition Order*		
Alvanley	6	2	2	—	—	2
Antrobus	15	3	1	3	2	7
Appleton	21	10	5	1	6	—
Aston	14	5	3	4	1	3
Budworth Great	11	3	—	3	—	2
Daresbury	—	—	—	—	—	—
Dutton	7	2	2	—	1	1
Frodsham	180	130	3	4	29	15
Grappenhall	48	29	1	4	7	5
Halton	7	1	1	—	—	2
Hatton	12	3	1	4	2	2
Helsby	50	41	2	3	7	3
Kingsley	41	13	7	6	4	15
Manley	1	—	—	—	—	1
Moore	15	4	—	—	—	—
Norley	10	4	—	1	1	3
Norton	1	—	—	—	—	1
Preston Brook	7	3	2	—	1	1
Stockton Heath	35	46	4	1	1	—
Stretton....	12	7	—	—	2	3
Sutton	17	11	—	5	1	3
Walton	1	—	—	—	—	1
Whitley	23	13	—	1	4	3
Totals	534	330	34	40	69	73

SECTION E
INSPECTION AND SUPERVISION OF FOOD

Milk and Dairies (General) Regulations

Distributors: Not on register 58

Milk (Special Designation) Regulations

Licences are now issued by the Cheshire County Council as the Food and Drugs Authority. Reports on samples of milk taken by the County Health Inspectors are sent regularly to this department.

Milk Sampling:

This is carried out by the Cheshire County Council, Public Health Department, as regards keeping quality, adequate heat treatment, brucellosis, and antibiotics, and your Council is informed of all results. Where brucellosis is found in milk, this department serves notices on the producers requiring all such infected milk not to be used for human consumption, unless it is first adequately heat treated. Producers have been co-operative following up; samples are arranged, and the infected cows are removed from the herd from which raw milk is retailed, and thus the risk to humans is minimised.

Food Premises in Area

Grocer and General Stores	99
Greengrocers	21
Sweets	39
Butchers	23
Chemists	7
Fish and Chips	6
Wet Fish	9
Cooked Meats	1
Cafes, Restaurants and Canteens	27
Licensed premises	64
Confectioners, Bakers	12
Total	308

N.B.—As some premises contain more than one type of food business, this total does not represent the total number of food premises.

Registered Premises

Ice Cream	
Sale only	118
Manufacture, Hot Mix	Nil
Manufacture, Cold Mix	Nil
Total	118

Preserved Foods

Sausage and Cooked Meats }	28
Meat Pies }	
Fish & Chips	7

Hawkers Registration—Cheshire County Council Act, 1963

Number registered—11.

Meat and Other Foods

During the year visits in respect of Meat and Food Inspection were 47 in shops and 396 in slaughterhouses.

Two slaughterhouses are licensed.

The quantity of food condemned in shops and canteens during the year was:—

Meat at retail shops	37 lbs.
Cooked Meats and Meat Products	Nil
Canned Meats and Fish	118 lbs.
Canned Fruit and Vegetables	131 lbs.
Canned Milk	Nil
Other Foods	30 lbs.

Carcases inspected and carcases or parts condemned:—

	Cattle excluding Cows	*Cows*	*Calves*	*Sheep and Lambs*	*Pigs*	*Horses*
Number killed	482	738	319	4819	34	—
Number inspected	482	738	319	4819	34	—
All diseases except Tuberculosis: Whole Carcases Condemned	7	65	36	70	1	—
Carcases of which some Part or Organ was Condemned	90	260	6	1403	2	—
Percentage of the number inspected affected with disease other than T.B.	20.13	44.03	13.16	30.57	8.82	—
Tuberculosis only: Whole carcases condemned	—	—	—	—	—	—
Carcases of which some Part or Organ was Condemned	—	1	—	—	—	—
Percentage of the number inspected affected with T.B.	—	0.14	—	—	—	—
Cysticercosis	—	1*	—	—	—	—

*Totally condemned for other reasons.

Meat Inspection at Slaughterhouses

100% inspection was maintained involving time outside normal office hours. All carcases passed fit are marked as required by the Meat Inspection Regulations, 1963.

The Council decided to make the full charge, but offered annual contracts of 90% of the previous year's slaughter. Both butchers accepted such contracts.

Meat Condemned:

The amount of meat and edible offals condemned was:

For tuberculosis	Nil
For other causes	53,257 lbs.

Condemned Food Disposal

Meat and other foods are stained with green dye and disposed of by collection by approved Contractors or burying deep in the Council's refuse tips.

Adulteration etc., Food and Drugs Act, 1955

I am indebted to the Chief Inspector of the Cheshire County Council for the following report of the work carried out by his Department in the Runcorn Rural District under the Food and Drugs Act, during the year 1966.

Samples obtained during the year ended 31st December, 1966:

Name of Sample	Number obtained	No. adulterated or not up to the recognised standard of quality
Baking Powder	1	—
Beetroot. Sliced	1	—
Best of Milk	1	—
Brandy	1	—
Butter	2	—
Cabbage	1	—
Carrots	1	—
Cashew Nuts	1	—
Cauliflower	1	—
Chocolate Flavoured Food Drink....	1	—
Cider	1	—

Cocktail Shrimps	1	1
Codis Tablets	1	—
Coffee, Instant	1	—
Coffee and Chicory Essence	1	—
Compound Glycerine of Thymol B.P.C.	1	—
Condiment	1	—
Crystallised Ginger....	1	—
Curry Powder	2	—
Dessert Topping Mix	1	—
Double Cream	1	—
Easton's Tablets	1	—
Fish Cakes	1	—
Flour	2	—
Gelatine	1	—
Gin	6	2
Ice Cream	1	—
Ice Cream Powder	1	—
Jam	3	—
Jelly. Lemon Flavour	1	—
Lard	1	—
Lettuce	1	—
Margarine (10% Butter)	1	—
Mayonnaise	1	—
Milk	130	—
Milk. Condensed	2	—
Milk. (NON. Fat)	1	—
Mushrooms	1	—
Mustard	1	—
Noodles & Chicken Capri	1	—
Orange Drink	2	—
Paracetamol Tablets B.P.	1	—
Parmesan Cheese	1	—
Perry....	1	—
Pineapple in Sorbitol Syrup (Diabetic Fruit)	1	—
Potted Beef	1	—
Potted Beef Spread....	1	—
Raising Powder	1	—
Saccharin Tablets	1	—
Salad Cream	1	—
Salmon Spread with Butter	2	—

Sausages. Pork	3	—
Sausages. Pork and Tomato	1	—
Steak and Kidney Pudding	1	—
Stewed Steak	2	—
Sprouts	1	—
Suet	1	—
Sugared Strands	1	—
Sunny Spread	1	—
Tomato Chutney	2	—
Tomato Juice	1	—
Tomato Ketchup	1	—
Vinegar. Malt	1	—
Vodka	1	—
Whisky	4	—
	—	—
TOTALS	214	3
	—	—

Particulars of Samples not up to Standard:

No.	Sample	Result of Analysis	Remarks
1.	Gin	20% extraneous water	Sellers fined £50 and £8 13s. 0d. costs
2.	Gin	12.8% extraneous water	Sellers fined £50 and £8 13s. 0d. costs
3.	Cocktail Shrimps	Containing benzoic acid	Packers cautioned

Particulars of food complaints from private purchasers:

No.	Nature	Remarks
1.	Flies in Tinned Pears	Importers Cautioned
2.	Piece of glass in fruited malt cake	Bakers cautioned
3.	Wood louse in tinned tomatoes	Importers cautioned
4.	Piece of glass in milk bottle	Bottler fined £10 0s. 0d. plus costs £5 5s. 0d.

SECTION F

DEATHS, INFECTIOUS AND OTHER DISEASES—STATISTICS

Infectious Disease—Case Rates per 1,000 Population 1966.

Provisional figures based on Quarterly Returns.

Population 43,170.

Disease	*Corrected Notifications*	*Runcorn Rural District Rates per* 1,000 *Population*
Scarlet Fever	30	0.69
Measles	502	11.62
Whooping Cough	19	0.44
Pneumonia	1	0.02
Poliomyelitis	Nil	—
Dysentry	Nil	—
Erysipelas	2	0.05
Encephalitis	Nil	—
Puerperal Pyrexia	1	0.02
Food Poisoning	Nil	—

Infectious and Other Notifiable Diseases 1966—Notifications

Disease	*Age Groups of Cases Notified*									*Total*
	Under 1	1–2	3–4	5–9	10–14	15–24	25–44	45–64	65 *and over*	
Scarlet Fever	—	4	9	8	6	2	1	—	—	30
Measles	12	137	121	217	11	2	2	—	—	502
Whooping Cough	1	3	15	—	—	—	—	—	—	19
Pneumonia	—	—	—	—	—	1	—	—	—	1
Poliomyelitis	—	—	—	—	—	—	—	—	—	—
Dysentry	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	2	—	2
Encephalitis	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	1	—	—	1
Food Poisoning	—	—	—	—	—	—	—	—	—	—

Tuberculosis Notifications and Deaths

Particulars of the 4 new cases of tuberculosis in the area during 1966:—

AGE PERIODS	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0- 1	—	—	—	—	—	—	—	—
1- 4	—	—	—	—	—	—	—	—
4-14	—	—	—	—	—	—	—	—
15-24	—	—	—	—	—	—	—	—
25-34	—	1	—	—	—	—	—	—
35-44	1	—	—	—	—	—	—	—
45-54	2	—	—	—	—	—	—	—
55-64	—	—	—	—	—	—	—	—
65 upwards	—	—	—	—	—	—	—	—
Totals	3	1	—	—	—	—	—	—

Tuberculosis cases on register. Comparative rates:—

Year	Estimated Population	Pulmonary		Non-Pulmonary		Total all Forms	No. per 1,000 of Population
		M.	F.	M.	F.		
1956	37,080	101	69	19	22	211	4.69
1957	37,470	104	79	17	22	222	5.92
1958	37,850	106	80	17	23	226	5.97
1959	38,140	109	77	16	23	225	5.89
1960	38,960	111	86	17	23	226	6.01
1961	39,950	116	51	92	24	249	5.09
1962	40,670	120	56	92	24	292	6.12
1963	41,150	122	59	94	24	299	6.20
1964	41,860	125	60	96	25	306	7.31
1965	42,590	126	62	96	25	309	7.19
1966	43,170	129	63	96	25	313	7.25

Details of Cancer Deaths over the past 5 years

Y'r	*Site*	1–14	15–44	45–64	65–74	75 *and over*	*Rate per* 1,000 *population*	*Total all ages*	
								M	*F*
1962	Stomach	—	—	3	5	7		4	11
	Lungs, Bronchus	—	1	7	13	—	2.16	18	3
	Other Sites	—	4	15	15	18		21	31
1963	Stomach	—	—	6	2	4		6	6
	Lungs, Bronchus	—	1	7	5	2	2.20	12	3
	Other Sites	—	—	26	16	19		22	39
1964	Stomach	—	—	2	2	3		6	1
	Lungs, Bronchus	—	—	7	9	1	1.46	12	5
	Other Sites	1	1	11	15	9		19	18
1965	Stomach	—	—	4	3	8		6	9
	Lungs, Bronchus	—	—	10	3	4	1.62	16	1
	Other Sites	1	2	10	9	15		21	16
1966	Stomach	—	—	3	4	4		5	6
	Lungs, Bronchus	—	1	8	7	3	1.78	16	3
	Other Sites	—	3	17	11	16		22	25

Causes of Death at different periods of life during the year 1966 :—

Cause of Death	AGE GROUP AND SEX																				Totals of All Age Groups			
	Under 4 Weeks		4 Weeks Under 1 year		1 to 4 years		5 to 14 years		15 to 24 years		25 to 34 years		35 to 44 years		45 to 54 years		55 to 64 years		65 to 74 years		75 and over			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Other Infective & Parasitic Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Malignant Neoplasm, Stomach	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	—	3	1	—	4	5	6
Malignant Neoplasm, Lung, Bronchus	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	7	1	7	—	1	2	16	3
Malignant Neoplasm, Breast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	—	2	—	3	—	2	—	11
Malignant Neoplasm, Uterus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Other Malignant & Lymphatic Neoplasms	—	—	—	—	—	—	—	—	1	—	1	—	1	—	2	4	5	6	7	4	5	11	22	25
Leukaemia, Aleukaemia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	2	2	2
Diabetes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	—	2	1	4
Vascular Lesions of Nervous System	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	9	5	13	16	6	24	29	46
Coronary Disease, Angina	—	—	—	—	—	—	—	—	—	—	1	—	3	—	4	2	13	6	24	9	19	26	64	43
Hypertension with Heart Disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	6	2	7	3
Other Heart Disease	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	3	2	5	12	19	15	28
Other Circulatory Disease	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	5	8	21	11	27
Influenza	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	3	1	4
Pneumonia	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	5	2	6	9	13	12
Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	3	1	5	—	6	5	15	6
Other Diseases of Respiratory System	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	1	—	2	1	5	1
Ulcer of Stomach and Duodemun	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2	—
Gastritis, Enteritis and Diarrhoea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Hyperplasia of Prostate	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—
Pregnancy, Childbirth, Abortion	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Congenital Malformations	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	3	2
Other defined and ill-defined Diseases	3	5	—	—	—	—	1	—	2	1	—	1	—	—	1	1	2	—	1	3	2	5	12	16
Motor Vehicle Accidents	—	—	—	—	—	—	1	—	—	2	—	—	—	—	—	—	2	1	—	—	—	1	3	4
All Other Accidents	—	—	—	—	1	1	1	—	—	1	1	—	—	—	—	—	1	—	1	—	3	2	8	4
Suicide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	3	—	—	—	—	—	4
Total all causes	5	7	—	1	1	1	3	—	4	5	3	1	6	2	11	13	47	31	76	52	82	142	238	254

Appendix "A"

CHESHIRE COUNTY COUNCIL

RUNCORN DIVISIONAL HEALTH COMMITTEE

REPORT

FOR THE YEAR 1966

By the

DIVISIONAL MEDICAL OFFICER OF HEALTH

Presented to the
Runcorn Divisional Health Committee
21st March, 1967

MEMBERS OF THE
RUNCORN DIVISIONAL HEALTH COMMITTEE

Chairman:

Councillor C. DAVIES

Deputy Chairman:

Councilor H. R. DONE
,, P. MOUNFIELD

Representatives of Local Health Authority:

County Alderman Sir GEORGE ASTBURY, Chairman, County Health Committee
County Alderman F. McBIRNIE, Deputy Chairman, County Health Committee
County Councillor H. MANN
County Alderman A. E. MOORS
County Councillor G. J. FORD
County Councillor R. F. PAYTON
County Councillor Miss M. J. PREECE, B.A.

Representatives of Runcorn Rural District Council:

Councillor A. BROMLEY
,, H. R. DONE
,, W. FOWLES
,, C. HOLDEN
,, R. HUNNAM
,, J. HUNT
,, K. N. JOHNSON
,, P. MOUNFIELD
,, F. L. RYDER
,, Mrs. D. M. SMITH

Representatives of Runcorn Urban District Council:

Councillor J. BROXTON
,, C. DAVIES
,, A. T. JAMESON
,, G. E. POVEY
,, F. R. SHERLIKER
,, Mrs. M. B. SHERLOCK
One Vacancy

Co-opted Members:

Dr. E. R. CARTER, County Palatine of Chester, Local Medical Committee
Miss T. E. DUDLEY, J.P., Cheshire Nursing Aid, Charities Committee
Mr. C. EVANS, Runcorn Divisional Executive for Education
Councillor W. H. STUBBS, Chester & District Hospital Management Cmte.
Mr. J. C. TURNER, Runcorn & District Old Peoples' Welfare Committee
Mrs. N. EVANS, Mr. H. GOODALL, Mrs. E. A. ROYLE.

Officers:

Clerk to the Committee: T. J. LEWIS
Divisional Medical Officer: J. L. PATTERSON, M.B., Ch.B., D.P.H.

CHESHIRE COUNTY COUNCIL
RUNCORN DIVISIONAL HEALTH COMMITTEE

ANNUAL REPORT OF THE DIVISIONAL MEDICAL OFFICER OF HEALTH FOR THE YEAR 1966

INTRODUCTION

To: The Chairman and Members of the
Runcorn Divisional Health Committee:

Mr. Chairman, Ladies and Gentlemen,

The work of all sections continues to grow. The clinic centres show increased numbers of children attending and with the increased numbers of children in the 1—5 years age group, the emphasis on these centres is shifting to the study of the development of children with a view to the prevention or early detection of physical and mental handicaps. Where these handicaps cannot be prevented, early detection means that remedial treatment can begin early, when the greatest possible benefits can be gained.

Immunisation against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis continue to be widely accepted, and these particular dangers to child health remain well under control.

The Domestic Help Service is still growing, and the appointment of a further part-time Organiser late in the year, will mean more effective supervision and consequently more efficient use of available staff. One of the greatest difficulties in this Service is the shortage of suitable domestic helps.

The Chiropody Service shows the familiar pattern of increasing demand. This is a particularly useful way of keeping elderly people mobile, which, in turn, reduces their need of other medical and social services.

The year saw the beginning of the Cervical Cytology Clinics which are held twice monthly in Grappenhall and Thorn Road Clinic Centres. For the convenience of the public, two of these clinics are held in the evening, and I am very grateful to the clerical and nursing staff of the Division who do this work out of usual hours.

I remain indebted to the voluntary organisations in their fields of endeavour, particularly—

(a) The Old Peoples' Welfare Services and the "Meals on Wheels."

(b) The helpers at the Handicapped Persons' Clubs at Grappenhall and Frodsham;

(c) The helpers who sell baby foods at Grappenhall, Helsby and Stockton Heath.

Without their help, our job would be more difficult. It is gratifying that these Voluntary Services continue—manned for the most part, by a relatively small number of people prepared to shoulder the burden.

The Chairman and members of the Committee have helped me throughout the year and I am very grateful.

I also appreciate the co-operation of the County Medical Officer and staff, the Clerk to the Divisional Health Committee and my own divisional staff.

I remain,

Your obedient Servant,

J. L. PATTERSON

Divisional Health Office,
36 Halton Road,
RUNCORN

SECTION 22

CARE OF MOTHERS AND YOUNG CHILDREN

There are eight clinic centres in the Division, five of which are held in County Council premises (Halton Road, Runcorn, Thorn Road, Runcorn, Frodsham, Grappenhall and Stockton Heath) and three are held in rented premises.

The following clinic activities are held:

Frodsham	Clinic Centre, The Rock	Baby Clinic Toddlers Ante-natal (Consultant) Mothercraft and Health Education Dental Speech Therapy Screening for Deafness Ophthalmic.
Grappenhall	Clinic Centre, Springfield Avenue	Baby Clinic Toddlers Ante-Natal (Midwives) Mothercraft and Health Education Dental Speech Therapy Cervical Cytology Screening for Deafness.
Helsby	Methodist Church Hall	Baby Clinic

No other clinic activities are held in Helsby because of the lack of suitable premises. This means that parents have to travel to Frodsham with their children.

Kingsley	Hurst Chapel	Baby Clinic
Runcorn	Clinic Centre, Halton Road	Baby Clinic Toddlers Ante-Natal (Consultant) Speech Therapy Screening for Deafness Deaf Teaching Ophthalmic

Runcorn	Clinic Centre, Thorn Road	Baby Clinic Toddlers Clinic Mothercraft and Health Education Screening for Deafness Speech Therapy Dental Cervical Cytology Ophthalmic.
Stockton Heath	Clinic Centre, 65 Whitefield Road	Baby Clinic Toddlers Mothercraft and Health Education Ante-natal (Midwives) Screening for Deafness Speech Therapy Dental Ophthalmic.
Weston Point	Russel Road Hall	Baby Clinic.

Also at:

(a) Halton Road, Runcorn—The Chester Hospital Management Committee have a Hospital Physiotherapy Clinic on Monday and Thursday mornings.

(b) Family Planning (i) Runcorn Family Planning Committee Clinic at Thorn Road Runcorn, on Monday 6.30 p.m. to 8.0 p.m.

(ii) Warrington and District Family Planning Committee Clinic at Grappenhall Clinic Centre: Monday, 2.30 p.m. to 3.30 p.m.; 6.30 p.m. to 7.30 p.m.

Day Nursery

In Okell Street—Average daily attendance, 32. There are 42 on the register, of whom 34 are there because of urgent medical or social priority.

Attendances at the various clinics held at the Clinic Centres and for the Day Nursery are given in the following tables:

A. **Mother's Clinics:**	New cases	Total attendances
Ante-Natal	382	2,769
Post-Natal	5	8

B. Dental:	No. of Inspections	No. of attendances	No. of Extractions	No. of Fillings
Children 0—5 yrs.	123	220	61	166
Expectant and Nursing Mothers	25	102	35	59

Dentures supplied—10.

As expected, the statistics reflect the bias towards prevention of defects and towards conservative treatment.

C. **Young Children's Clinics:**

(i) Baby Clinic:	New attendances	Total Attendances
To 1 year	1,158	9,446
1 to 2 years	—	1,416
2 to 5 years	—	1,191
(ii) Ophthalmic (under 5)	54	159

D. (i) **Clinic Centres:**

	New Attendances	*Total Attendances*		
	0-1	0-1	1-2	2-5
Frodsham	160	1,031	154	92
Grappenhall	160	1,826	284	187
Helsby	79	518	127	58
Kingsley	18	172	35	10
Runcorn	313	2,480	382	383
Runcorn—Grange N.U.	172	1,166	157	306
Stockton Heath	198	1,894	236	104
Weston Point	58	359	41	51
Totals	1,158	9,446	1,416	1,191

D. (ii) **Ophthalmic**

	New attendances	Total attendances
Frodsham	8	28
Grappenhall	8	26
Runcorn	28	74
Stockton Heath	10	31
Totals	54	159

E. **Ante-Natal Clinics:** **Post-Natal Clinics:**

Clinic	*New Attend-ances*	*Total Attend-ances*	*New Attend-ances*	*Total Attend-ances*
Frodsham	125	1,600	5	5
Runcorn	257	1,169	—	3
Totals	382	2,769	5	8

F. **Day Nursery**

	Average No. Attending	Total attendances
Aged 0—2 years	8	1,858
Aged 2—5 years	24	5,661

Sale of Branded Baby Foods

At Frodsham, Helsby, Kingsley, Runcorn (Halton Road) and Runcorn (Thorn Road) and Weston Point, these sales are done by County Council staff. The sales increased from £2,235 8s. 7d. to £2,531 9s. 3d. compared with 1965.

At Grappenhall and Stockton Heath these foods continue to be sold entirely by voluntary helpers.

The sale of branded baby foods at the Helsby Clinic was taken over from the Voluntary Society on 5th November, 1966.

Distribution of Welfare Foods—M.O.F.

Details of the distribution points and commodities sold during the year:

Centre	Commodities				
	N.D.Milk Full Cream	*Half Cream*	*Cod Liver Oil*	*A. and D. Capsules*	*Orange Juice*
Runcorn	1,744	57	225	401	2,858
Appleton	222	—	10	4	390
Frodsham ...	829	48	135	270	2,669
Grange N.U., Runcorn	964	14	53	132	1,021
Grappenhall	865	—	111	250	2,268
Helsby	168	4	62	66	1,226
Kingsley	202	3	15	2	133
Manley	442	7	10	11	231
Norley	668	13	21	20	201
Preston Brook	410	—	4	—	402
Stockton Heath	846	—	103	261	1,961
Sutton Weaver	250	—	13	—	205
Thelwall	32	—	2	8	67
Weston	196	—	1	—	71
Weston Point ...	843	6	31	31	508
Total Issues ...	8,681	152	796	1,456	14,211
Issues to Institutions ...	—	—	36	—	36
Totals for Division ...	8,681	152	832	1,456	14,247

These sales show a drop from 28, 538 items in 1965 to 25,368 items in the current year. This figure has been consistently falling each year. The figure of sales for 1960 was 48,189 items. This gives some indication of the falling demand, and no new distribution points have been opened this year.

Children's Co-ordination Committee

This Committee, of which I am Chairman is convened by the Area Children's Officer. Its members belong to all the services which are, or could be, involved in the care of children. The main work of the Committee is with Problem Families and deprived children. It meets six times a year and while it has to deal with difficult problems, many of which appear insoluble, the meetings are valuable in defining the problems, deciding which workers need to visit. It ensures that these families are not visited by a multiplicity of workers and that those workers concerned know what each other is doing. I hope, in the long term, its work will help in improving child care and in the prevention of neglect and cruelty.

SECTION 23—MIDWIFERY

The Committee are responsible for:

(1) Where necessary, housing accommodation for midwives, and the maintenance of such property.

(2) Emergency transport for midwives.

The only two County-owned midwives houses in this Division are:

(1) 30 Georges Crescent, Grappenhall;

(2) 10 Stanley Villas, Runcorn.

These were visited at the Annual Inspection and the necessary repairs and alterations have been attended to.

SECTION 24—HEALTH VISITING

The Committee are responsible for County-owned houses for Health Visitors. There are none in this Division.

SECTION 25—HOME NURSING

The following District Nurses live in County property:

Mrs. J. M. Cunningham—Delph Cottage, Daresbury
Mrs. A. V. Burke—10 Kingsway, Frodsham
Miss A. B. Porter—47 Main Street, Halton
Miss I. Belsham—Crabmill Lane, Norley
Mrs. K. Newstead—3 Beverley Avenue, Appleton
Mr. C. J. Cheetham—8 Cynthia Road, Runcorn
—19 Clifton Crescent, Frodsham

These houses were inspected during the year.

SECTION 26—VACCINATION AND IMMUNISATION

Continued efforts are made by Health Visitors to impress on parents the need for vaccination and immunisation of children.

Babies can be immunised either at County Clinics or by their family doctor, according to parents wishes.

Booster doses are offered to all children at school entry and again at 8 years of age.

Statistics:

Vaccination:

	Year	*Clinic Centres*	*Schools*	*Family Doctors*	*Total*
Primary	1966	47	—	413	460
	1965	40	—	390	430
Re-Vaccination	1966	3	—	34	37
	1965	—	—	34	34

Immunisation—Primary

		Clinic Centres	*Schools*	*Family Doctors*	*Total*
Triple (whooping-cough) (diphtheria/ Tetanus)	1966	380	3	806	1,189
	1965	340	63	880	1,283
Booster Doses (Diphtheria/ Tetanus)	1966	601	1,389	445	2,435
	1965	403	1,028	522	1,953

Poliomyelitis:

Towards the end of the year all schools in the Division were visited and all the children whose parents consented were given oral poliomyelitis vaccine. A total of 1,057 children were vaccinated.

The total number of children in the Division who have been vaccinated against Poliomyelitis either by oral or injected vaccine remains at about 94 per cent.

SECTION 28

PREVENTION OF ILLNESS, CARE AND AFTER-CARE
TUBERCULOSIS

All new cases are followed up by the Health Visitors to see that patients and contacts attend the Chest Clinic when necessary.

Details of cases during the period 1st January to 31st December, 1966, are as follows:

	Pulmonary		*Non-Pulmonary*		*Total*
	M.	*F.*	*M.*	*F.*	
(*a*) Total number of cases on register:—					
1st January, 1966	140	110	16	25	291
31st December, 1966	141	108	16	25	290
(*b*) Removals from register: 1st January to 31st December, 1966:					
Died:	1	—	—	—	1
Left district	—	—	—	—	—
Recovered	2	2	—	—	4
Lost sight of	—	—	—	—	—
	3	2	—	—	5
(*c*) No. of notifications received 1st January to 31st December, 1966:					
New cases	3	—	—	—	3
Transfers	1	—	—	—	1
Restored to register	—	—	—	—	—
	4	—	—	—	4

B.C.G. Vaccination—Is offered to children in the 12/13 years old age group and the parents of 89 per cent of the children agreed.

The programme is carried out in the following Senior Schools:

Balfour Road County Secondary Schools, Runcorn
Runcorn The Grange County Secondary School
Helsby County Grammar Schools (Boys and Girls)
Frodsham County Secondary School
Kingsley County Secondary School
Stockton Heath County Secondary School
Grappenhall Hall Special School
Belmont Hall College, Great Budworth

Statistics:

No. of consent forms issued	845
No. of children for whom consent received	751
No. Mantoux tested	707
No. positive to Mantoux test	104
No. vaccinated with B.C.G.	571

All children who are assessed clinically to have a strongly positive Mantoux re-action are x-rayed at the Chest Clinic, and at the same time, their parents are invited for x-ray to try to find the reason for the child's reaction. This is a very useful way of finding undetected tuberculosis.

Cervical Cytology

The effort to detect early cancer of the neck of the womb began in February, 1966. At first two evening clinics a month were held, one at Grappenhall and one at Runcorn. These proved insufficient, and were doubled in June. These will be doubled again in January 1967, so that there will be eight clinics a month between these two centres.

The waiting list is 270 at Runcorn and 220 at Grappenhall.

418 ladies have had the test and 3 were found positive for cancer. A further 2 conditions requiring treatment were discovered.

The clinics are run on an appointment system, which means that there is no waiting time and the patient is treated individually and with privacy. As well as the cervical cancer test, an examination of the breasts to detect early breast cancer is offered, if the patient wishes.

Health Education

This is carried out in Mothercraft Classes. An important new work is being done by the Health Visitors in schools amongst senior girls particularly, talks being combined with practical work of visiting clinics, day nurseries, etc. This is being extended again to take in the Care of the Elderly.

Health Education is also carried out by myself in evening lectures.

Care of the Aged

During the year a beginning was made in attaching Health Visitors to practice groups to co-ordinate the care of the elderly. There is also very close contact between the Area Welfare Officers, the Housing Managers of both authorities and myself about housing the elderly, and between the Consultant Gereatrician and myself about hospital admissions and discharge of elderly sick people.

The County Council Chiropody Scheme for people over 65 and for the handicapped, treated 759. There were 4,200 individual visits, of which 2,425 were to the Chiropodists' surgery and 1,785 at the patients' own home. Considering that the service serves elderly people, the number able to visit the Chiropodists' Surgeries is high.

Demand for chiropody has increased again during the year, but it is of great value in keeping elderly people able to move about and therefore to retain their independence.

Voluntary services for old People's welfare and "Meals on Wheels" have given valuable help to the elderly.

Nursing Equipment

Supplies of nursing equipment are held by district nurses and supplemented by a reserve stock in the Divisional Office. Demand continues to rein at a very high level.

Aids for the Disabled

Additionally to nursing equipment and minor items of equipment for handicapped people, the following major items of equipment and alterations to houses have been agreed by the Committee:

(1) Alternating Pressure Pad Unit;

(2) Installation of rail and pulley system with hoist, from bedroom to bathroom;

(3) Provision of handrail and ramps;

(4) Alterations to doors and sink unit so that patient can work in kitchen from a wheelchair.

(5) Alteration to rear entrance to bungalow.

The clubs for the handicapped at Frodsham and Grappenhall are very successful. At Frodsham there are 32 members, and at Grappenhall, 14 members. Grappenhall meets three times a month and Frodsham twice monthly. As well as social activities the members do occupational therapy and have outings. The Frodsham Club went on a special Christmas shopping evening to Liverpool.

The transport and staff for these clubs are, with the exception of the trained occupational therapists, all volunteers. They earn our gratitude because without them there would be no clubs. The Frodsham Club is full because there is no more available room in the clinic centre.

SECTION 29—DOMESTIC HELP SERVICE

Statistics:

Year	No. of Home Helps	Confinement Cases	Tuberculosis Cases	Elderly	Other Illnesses
1965	86	66	2	258	49
1966	94	69	2	287	69

Year	Total No. of Cases	Total No. of Hours
1965	375	50,207
1966	427	54,116

No. of abortive visits—151.

At 31st December 1966, there were 263 long-term patients.

2,949 domiciliary visits were made during 1966 by the Domestic Help Supervisors, and 25,622 visits by domestic helps.

During the year the Committee considered all cases supplied with the services of a domestic help.

The above figures show the continuing rise in demand upon this service. In October a part-time Supervisor was appointed, and the work has been divided so that Mrs. Walker is responsible for the Runcorn New Town area, and Mrs. Shepherd for the rest of the Rural area. The arrangements are flexible to deal with day to day fluctuation in demand, holiday relief, etc. and to make sure that each Supervisor is acquainted with the whole area. These new arrangements will provide greater supervision and greater amount of personal visiting for the patients. This is important because this is, above all, a very personal service and in my view it should be administered personally.